Some of the contents in this manual may differ from your phone depending on the software of the phone or your service provider.

SAMSUNG ELECTRONICS

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user manual

SAMSUNG

using this manual

This user manual has been specially designed to guide you through the functions and features of your mobile phone. To get started quickly, refer to “introducing your mobile phone,” “assembling and preparing your mobile phone,” and “using basic functions.”

Instructional icons

Before you start, familiarise yourself with the icons you will see in this manual:

Warning—situations that could cause injury to yourself or others

Caution—situations that could cause damage to your phone or other equipment

Note—notes, usage tips, or additional information

▶ **Refer to**—pages with related information; for example: ▶ p.12 (represents “see page 12”)

→ **Followed by**—the order of options or menus you must select to perform a step; for example: In Menu mode, select **Messages** → **Create message** (represents **Messages**, followed by **Create message**)

[ ] **Square brackets**—phone keys; for example: [ ] (represents the Power/ Menu exit key)

< > **Angled brackets**—softkeys that control different functions at each screen; for example: <**OK**> (represents the **OK** softkey)

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safety and usage information

Comply with the following precautions to avoid dangerous or illegal situations and ensure peak performance of your mobile phone.

Safety warnings

Keep your phone away from small children and pets

Keep your phone and all accessories out of the reach of small children or animals. Small parts may cause choking or serious injury if swallowed.

Protect your hearing

Excessive exposure to sound at high volumes can cause hearing damage. Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.

Install mobile phones and equipment with caution

Ensure that any mobile phones or related equipment installed in your vehicle are securely mounted. Avoid placing your phone and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

Handle and dispose of batteries and chargers with care

- Use only Samsung-approved batteries and chargers specifically designed for your phone. Incompatible batteries and chargers can cause serious injuries or damage to your phone.
- Never dispose of batteries or phones in a fire. Follow all local regulations when disposing of used batteries or phones.
- Never place batteries or phones on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.

Avoid interference with pacemakers

Maintain a minimum of 15 cm (6 inches) between mobile phones and pacemakers to avoid potential interference, as recommended by manufacturers and the independent research group, Wireless Technology Research. If you have any reason to suspect that your phone is interfering with a pacemaker or other medical device, turn off the phone immediately and contact the manufacturer of the pacemaker or medical device for guidance.

WARNING

Turn off the phone in potentially explosive environments

Do not use your phone at refuelling points (service stations) or near fuels or chemicals. Turn off your phone whenever directed by warning signs or instructions. Your phone could cause explosions or fire in and around fuel or chemical storage and transfer areas or blasting areas. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the phone, its parts, or accessories.

Reduce the risk of repetitive motion injuries

While using your phone, hold the phone with a relaxed grip, press the keys lightly, use special features that reduce the number of keys you have to press (such as templates and predictive text), and take frequent breaks.

Do not use the phone if the screen is cracked or broken

Broken glass or acrylic could cause injury to your hand and face. Bring the phone to a Samsung service centre to replace the screen. Damage caused by careless handling will void your manufacturer's warranty.

Safety precautions

CAUTION

Drive safely at all times

Avoid using your phone while driving and obey all regulations that restrict the use of mobile phones while driving. Use hands-free accessories to increase your safety when possible.

Follow all safety warnings and regulations

Comply with any regulations that restrict the use of a mobile phone in a certain area.

Use only Samsung-approved accessories

Using incompatible accessories may damage your phone or cause injury.

Turn off the phone near medical equipment

Your phone can interfere with medical equipment in hospitals or health care facilities. Follow all regulations, posted warnings, and directions from medical personnel.

Turn off the phone or disable the wireless functions when in an aircraft

Your phone can cause interference with aircraft equipment. Follow all airline regulations and turn off your phone or switch to a mode that disables the wireless functions when directed by airline personnel.

Protect batteries and chargers from damage

- Avoid exposing batteries to very cold or very hot temperatures (below 0° C/32° F or above 45° C/113° F). Extreme temperatures can reduce the charging capacity and life of your batteries.
- Prevent batteries from contacting metal objects, as this can create a connection between the + and - terminals of your batteries and lead to temporary or permanent battery damage.
- Never use a damaged charger or battery.

Handle your phone carefully and sensibly

- Do not disassemble your phone due to a risk of electric shock.
- Do not allow your phone to get wet—liquids can cause serious damage and will change the colour of the label that indicates water damage inside the phone. Do not handle your phone with wet hands. Water damage to your phone can void your manufacturer's warranty.
- Avoid using or storing your phone in dusty, dirty areas to prevent damage to moving parts.
- Your phone is a complex electronic device—protect it from impacts and rough handling to avoid serious damage.
- Do not paint your phone, as paint can clog moving parts and prevent proper operation.

- If your phone has a camera flash or light, avoid using it close to the eyes of children or animals.
- Your phone may be damaged by exposure to magnetic fields. Do not use carrying cases or accessories with magnetic closures or allow your phone to come in contact with magnetic fields for extended periods of time.

Avoid interference with other electronic devices

Your phone emits radio frequency (RF) signals that may interfere with unshielded or improperly shielded electronic equipment, such as pacemakers, hearing aids, medical devices, and other electronic devices in homes or vehicles. Consult the manufacturers of your electronic devices to solve any interference problems you experience.

Important usage information

Use your phone in the normal position

Avoid contact with your phone's internal antenna.

Allow only qualified personnel to service your phone

Allowing unqualified personnel to service your phone may result in damage to your phone and will void your warranty.

Ensure maximum battery and charger life

- Avoid charging batteries for more than a week, as overcharging may shorten battery life.
- Over time, unused batteries will discharge and must be recharged before use.

- Disconnect chargers from power sources when not in use.
- Use batteries only for their intended purpose.

Handle SIM cards and memory cards with care

- Do not remove a card while the phone is transferring or accessing information, as this could result in loss of data and/or damage to the card or phone.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Frequent writing and erasing will shorten the life span of memory cards.
- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.

Ensure access to emergency services

Emergency calls from your phone may not be possible in some areas or circumstances. Before travelling in remote or undeveloped areas, plan an alternate method of contacting emergency services personnel.

Specific Absorption Rate (SAR) certification information

Your phone conforms to European Union (EU) standards that limit human exposure to radio frequency (RF) energy emitted by radio and telecommunications equipment. These standards prevent the sale of mobile phones that exceed a maximum exposure level (known as the Specific Absorption Rate, or SAR) of 2.0 W/kg.

During testing, the maximum SAR recorded for this model was 0.447 W/kg. In normal use, the actual SAR is likely to be much lower, as the phone has been designed to emit only the RF energy necessary to transmit a signal to the nearest base station. By automatically emitting lower levels when possible, your phone reduces your overall exposure to RF energy.

The Declaration of Conformity at the back of this manual demonstrates your phone's compliance with the European Radio & Terminal Telecommunications Equipment (R&TTE) directive. For more information about the SAR and related EU standards, visit the Samsung mobile phone website.

Correct disposal of this product

(Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

Correct disposal of batteries in this product

(Applicable in the European Union and other European countries with separate battery return systems)

This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

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introducing your mobile phone

In this section, learn about your mobile phone's layout, keys, display, and icons.

Unpack

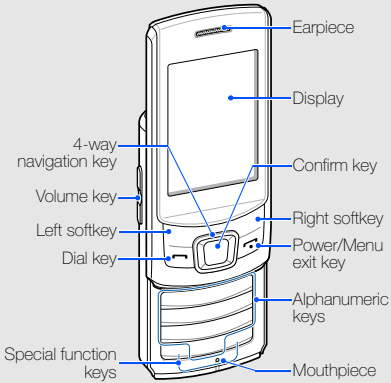
Check your product box for the following items:

- Mobile phone
- Battery
- Travel adapter (charger)
- User manual

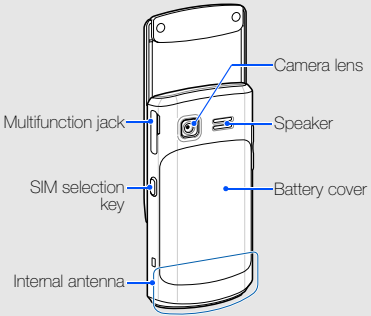
- The items supplied with your phone may vary depending on the software and accessories available in your region or offered by your service provider. You can obtain additional accessories from your local Samsung dealer.
- The supplied accessories perform best for your phone.

Phone layout

The front of your phone includes the following keys and features:



The rear of your phone includes the following keys and features:



You can lock the keys to prevent any unwanted phone operations. To unlock these keys, press <Unlock> → the Confirm key.

Keys

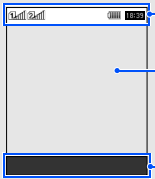
Key	Function
Softkeys	Perform actions indicated at the bottom of the display
4-way navigation	In Idle mode, access user-defined menus (depending on your service provider, pre-defined menus may differ); Scroll through menu options
Confirm	In Idle mode, launch the web browser or access Menu mode (depending on your service provider or region, the key may perform differently); Select the highlighted menu option or confirm input

Key	Function
Dial	Make or answer a call; In Idle mode, retrieve recently dialled, missed, or received numbers
Power/ Menu exit	Turn the phone on and off (press and hold); End a call; In Menu mode, cancel input and return to Idle mode
Alpha-numeric	Enter numbers, letters and special characters; In Idle mode, press and hold [**1**] to access voice mails and [**0**] to enter an international call prefix

Key	Function
Special function	Enter special characters or perform special functions; In Idle mode, press and hold [#] for the silent profile; In Idle mode, press and hold [*] to enter a pause between numbers
Volume	Adjust the phone's volume
SIM selection	Switch between SIM cards when you make calls or send messages; In Idle mode, switch between SIM cards; Access the SIM card management menu (press and hold)

Display

Your phone's display consists of three areas:



Icon line

Displays various icons

Text and graphic area

Displays messages, instructions, and information you enter

Softkey line

Displays the current actions assigned to each softkey

Icons

Learn about the icons that appear on your display.

Icon	Definition
1/2	SIM card and signal strength
	Call in progress
	SOS message feature activated
	GPRS network status
	EDGE network status
	Browsing the web
	Connecting to secured web page
	Call diverting activated
	Synchronised with PC
	Roaming (outside of normal service area)
	Bluetooth activated

Icon	Definition
	Alarm activated
	Memory card inserted
	Music playback in progress
	Music playback paused
	FM radio on
	New text message
	New multimedia message
	New email message
	New voice mail message
	Normal profile activated
	Silent profile activated
	Battery power level
09:05	Current time

assembling and preparing your mobile phone

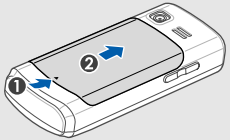
Get started by assembling and setting up your mobile phone for its first use.

Install the SIM card and battery

When you subscribe to a cellular service, you will receive a Subscriber Identity Module (SIM) card, with subscription details, such as your personal identification number (PIN) and optional services.

To install the SIM card and battery,

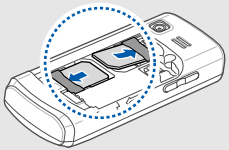
1. Remove the battery cover.



If the phone is on, press and hold [ ] to turn it off.

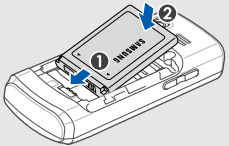
2. Insert the SIM card.

   Your phone has 2 SIM card slots to allow you to use 2 SIM cards and switch between them.
   ▶ p. 27

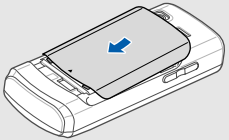


- Place the SIM card in the phone with the gold-coloured contacts facing down.
- Without inserting a SIM card, you can use your phone's non-network services and some menus.

3. Insert the battery.



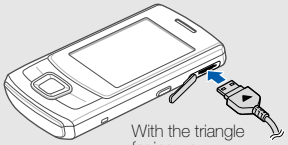
4. Replace the battery cover.



Charge the battery

Before using the phone for the first time, you must charge the battery.

1. Open the cover to the multifunction jack on the side of the phone.
2. Plug the small end of the travel adapter into the multifunction jack.



CAUTION

Improperly connecting the travel adapter can cause serious damage to the phone. Any damages by misuse are not covered by the warranty.

3. Plug the large end of the travel adapter into a power outlet.
4. When the battery is fully charged (the icon is no longer moving), unplug the travel adapter from the power outlet.
5. Unplug the travel adapter from the phone.
6. Close the cover to the multifunction jack.

About the low battery indicator

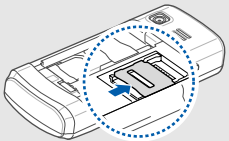
When your battery is low, the phone will emit a warning tone and a low battery message. The battery icon will also be empty and blinking. If the battery level becomes too low, the phone will automatically power off. Recharge your battery to continue using your phone.

Insert a memory card (optional)

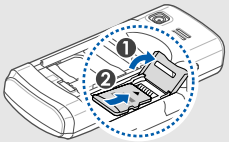
To store additional multimedia files, you must insert a memory card. Your phone accepts microSD™ or microSDHC™ memory cards up to 8 GB (depending on memory card manufacturer and type).

Formatting the memory card on a PC may cause incompatibility with your phone. Format the memory card only on the phone.

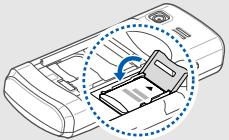
1. Remove the battery cover.
2. Unlock the memory card cover.



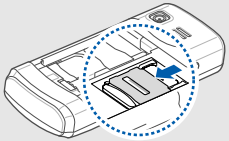
3. Lift the memory card cover and insert a memory holder with the label side facing up.



4. Close the memory card cover.



5. Lock the memory card cover.

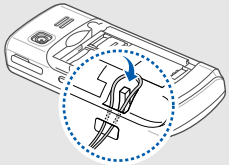


6. Replace the battery cover.

To remove the memory card, remove the battery cover, unlock and lift the memory card holder, and remove the memory card.

Attach a hand strap (optional)

1. Remove the battery cover.
2. Slide a hand strap through the slot and hook it over the small projection.



3. Replace the battery cover.

using basic functions

Learn how to perform basic operations and use the main features of your mobile phone.

Turn your phone on and off

To turn your phone on,

1. Press and hold [ ].
2. Enter your PIN and press <**OK**> (if necessary).
3. Press <**OK**>.
4. Press <**Next**> to assign a name and an icon for the SIM card.
5. Assign a name to the SIM card 1 and press <**Next**>.
6. Assign an icon to the SIM card 1 and press <**Next**>.
7. Repeat steps 4-6 to assign a name and icon to the SIM card 2.
8. Press <**Next**> → <**OK**>.

To turn your phone off, repeat step 1 above.

Switch to the offline profile

By switching to the offline profile, you can use your phone's non-network services in areas where wireless devices are prohibited, such as aeroplanes and hospitals.

To switch to the offline profile, in Menu mode, select **Settings** → **Sound profiles** → **Offline**.

Follow all posted warnings and directions from official personnel when in areas where wireless devices are prohibited.

Access menus

To access your phone's menus,

1. In Idle mode, press <**Menu**> to access Menu mode.

You may need to press the Confirm key to access Menu mode depending on your region or service provider. When you are using the smart home screen, you cannot use the Confirm key to access Menu mode.

2. Use the Navigation key to scroll to a menu or option.
3. Press <**Select**>, <**OK**>, or the Confirm key to confirm the highlighted option.
4. Press <**Back**> to move up one level; Press [ ] to return to Idle mode.

Use the smart home screen

When the phone is in Idle mode, the smart home screen appears by default. The screen allows you to access your favourite applications and contacts and view upcoming events or tasks. You can customise the smart home screen to fit your preferences and needs.

Customise the smart home screen

1. In Menu mode, select **Settings** → **Display** → **Smart home**.
2. Scroll to **Smart idle**.
3. Press <**Edit**>.
4. Select the items to display on the smart home screen.
5. Press <**Options**> → <**Save**> → <**Set**>.

You can change the idle screen to another style. In Menu mode, select **Settings** → **Display** → **Smart home** and scroll left or right to a style you want.

Access the smart home idle items

Press the Navigation key to scroll through the items on the smart home screen and press the Confirm key to select an item. The following items are available:

- **Shortcuts toolbar**: access your favourite applications. You can customise the shortcuts toolbar as needed. ▶ Customise the shortcuts toolbar
- **My buddies**: access contacts that are saved in the favourite number list (▶ p. 41). Once you select a contact, you can dial the number or send a message or email.
- **PIMs ticker**: access upcoming calendar events and tasks.
- **Dual clock**: view your home clock and a world clock. ▶ p. 60
- **Single clock**: view the current time and date.

Customise the shortcuts toolbar

1. In Menu mode, select **Settings** → **Display** → **Smart home**.
2. Scroll to **Smart idle** (if necessary).
3. Press <**Edit**>.

4. Scroll to **Shortcuts toolbar** and press <**Options**> → **Edit shortcuts**.
5. Select a menu to change or an empty location and select **Edit**.
6. Select the menus you want.
   Press <**Options**> → **Open** to select submenus (if necessary).
7. Press <**Save**>, or press <**Options**> → **Save**.

Customise your phone

Get more from your phone by customising it to match your preferences.

Adjust the volume of the key tones

In Idle mode, press the Volume key up or down to adjust the key tone volume.

Switch to or from the silent profile

In Idle mode, press and hold [**#**] to silence or unsilence your phone.

Set the phone profile

To change the ringtone of the current profile,

1. In Menu mode, select **Settings** → **Sound profiles**.
2. Scroll to the profile you are using.

If you are using the silent, offline, or meeting profile, you are not allowed to change the ringtone.

3. Press <**Edit**>.
4. Scroll left or right to a SIM card (if necessary).
5. Select **Voice call ringtone**.
6. Select a ringtone category → a ringtone.

To switch to another profile, select it from the list.

To create a phone profile,

1. In Menu mode, select **Settings** → **Sound profiles**.
2. Scroll to a user profile and press <**Edit**>.
3. Customise the sound settings as desired.

Select a wallpaper (Idle mode)

1. In Menu mode, select **Settings** → **Display** → **Wallpaper**.
2. Select a SIM card (if necessary).
3. Select an image.

Select a theme for the display

To select a theme,

1. In Menu mode, select **Settings** → **Display** → **Theme**.
2. Scroll to a theme and press <**Set**>.
3. Select a SIM card (if necessary).

To create and apply a theme,

1. In Menu mode, select **Settings** → **Display** → **Theme** → **Create new**.
2. Customise the theme as desired by following the screen.
3. When you have finished, enter a name for the theme and press <**Save**>.
4. Press <**Yes**> to apply the theme.

If you select the same colour for the entire theme, you may not be able to recognise the display.

Set menu shortcuts

1. In Menu mode, select **Settings** → **Phone** → **Shortcuts**.
2. Select a key to use as a shortcut.

3. Select a menu to assign to the shortcut key.

When you are using the smart home screen, the Navigation keys do not work as shortcuts.

Lock your phone

1. In Menu mode, select **Settings** → **Security** → **Phone** → **Phone lock**.
2. Enter a new 4- to 8-digit password and press <**OK**>.
3. Enter the new password again and press <**OK**>.

- The first time you access a menu that requires a password, you will be prompted to create and confirm a password.
- Samsung is not responsible for any loss of passwords or private information or other damages caused by illegal software.

Use Recycle bin

With Recycle bin, the data you deleted, such as messages, contacts, and tasks, will be sent to the recycle bin instead of being deleted permanently. You can later restore the data or empty your recycle bin to permanently delete.

To access the recycle bin, in Menu mode, select **Settings** → **Recycle bin**.

Manage your SIM cards

Your phone supports the Dual SIM mode, enabling you to use two SIM cards at the same time without changing them. Learn to select a default SIM card and set the SIM cards settings.

Select a default SIM card

1. In Idle mode, press and hold [⊞].
2. Select **Network**.

3. Scroll down to **Default network** and press <**Change**> → <**Yes**>.
   Your phone will automatically reboot.

Switch the SIM cards automatically

1. In Menu mode, select **Settings** → **SIM cards management** → **SIM auto switch**.
2. Press <**Change**>.
3. Select a SIM card.
4. Specify the schedule that the SIM card will be active and press <**Save**>.

Change the names and icons of the SIM cards

1. In Menu mode, select **Settings** → **SIM cards management** → **Register card**.
2. Select a SIM card.
3. Select **Card name** and change the name for the SIM card and press the Confirm key.
4. Select **Icon** and change the icon for the SIM card and press the Confirm key.

Use basic call functions

Learn to make or answer calls and use basic call functions.

Make a call

1. In Idle mode, enter an area code and a phone number.
2. Press [ ] to dial the number.
3. To end the call, press [ ].

Answer a call

1. When a call comes in, press [ ].
2. To end the call, press [ ].

Adjust the volume

To adjust the volume during a call, press the Volume key up or down.

Use the speakerphone feature

1. During a call, press the Confirm key to activate the speaker.
2. To switch back to the earpiece, press the Confirm key again.

In noisy environments, you may have difficulty hearing the calls while using the speakerphone feature. For better performance, use the normal phone mode.

Use the headset

By plugging the supplied headset into the multifunction jack, you can make and answer calls:

- To redial the last call, press and hold the headset button.
- To answer a call, press the headset button.
- To end a call, press and hold the headset button.

Send and view messages

Learn to send and view text (SMS), multimedia (MMS), and email messages.

Send a text or multimedia message

1. In Menu mode, select **Messages** → **Create message**.
2. Enter a recipient number and scroll down.

3. Enter your message text. ▶ p. 30
   For sending as a text message, skip to step 5.
   For attaching multimedia, continue with step 4.
4. Press <Options> → **Add multimedia** and add an item.
5. Press the Confirm key to send the message.

Send an email

1. In Menu mode, select **Messages** → **Create email**.
2. Enter a subject and scroll up.
3. Enter an email address and scroll down to the message field.
4. Enter your email text.
5. Press <Options> → **Attach items** and attach a file (if necessary).
6. Press the Confirm key to send the message.

Enter text

When entering text, you can change the text input mode:

- Press and hold [#] to switch between T9 and ABC modes. Depending on your country, you may be able to access an input mode for your specific language.
- Press [#] to change case or switch to Number mode.
- Press [*] to switch to Symbol mode.
- Press and hold [*] to select an input mode.

Enter text in one of the following modes:

Mode	Function
ABC	Press an appropriate alphanumeric key until the character you want appears on the display.
T9	1. Press the appropriate alphanumeric keys to enter an entire word. 2. When the word displays correctly, press [0] to insert a space. If the correct word does not display, select an alternate word from the list that appears.
Number	Press an appropriate alphanumeric key to enter a number.
Symbol	Press an appropriate alphanumeric key to enter a symbol.

View text or multimedia messages

1. In Menu mode, select **Messages** → **Inbox**.
2. Select a text or multimedia message.

View an email

1. In Menu mode, select **Messages** → **Email inbox**.
2. Select an email account.
3. Press **Download**.
4. Select an email or a header.
5. If you selected a header, press <**Options**> → **Retrieve** to view the body of the email.

Add and find contacts

Learn the basics of using the phonebook feature.

Add a new contact

1. In Idle mode, enter a phone number and press <Options>.
2. Select **Add to Phonebook** → a memory location (phone, SIM 1, or SIM 2) → **Create contact**.
3. Select a number type (if necessary).
4. Enter contact information.
5. Press <**Options**> → **Save** or press the Confirm key to add the contact to memory.

Find a contact

1. In Menu mode, select **Phonebook**.
2. Enter the first few letters of the name you want to find.
3. Select the contact's name from the search list.

Once you have found a contact, you can:

- call the contact by pressing [ ]
- edit the contact information by pressing the Confirm key

Use basic camera functions

Learn the basics to capture and view photos and videos.

Capture photos

1. In Menu mode, select **Camera** to turn on the camera.
2. Aim the lens at the subject and make any adjustments.
   - To change the preview screen, press the Navigation key up ( ).
   - To adjust the brightness, press the Navigation key left or right (or).

- To change the time delay, press the Navigation key down ( ).
- To zoom in or out, press the Volume key.

3. Press the Confirm key to take a photo.
   The photo is saved automatically.

After capturing photos, press <**View**> to view photos.

View photos

In Menu mode, select **My files** → **Images** → a photo file.

Capture videos

1. In Menu mode, select **Camera** to turn on the camera.
2. Press [**1**] to switch to Recording mode.
3. Aim the lens at the subject and make any adjustments.
   - To change the preview screen, press the Navigation key up ( ).
   - To adjust the brightness, press the Navigation key left or right (or).
   - To change the time delay, press the Navigation key down ().
   - To zoom in or out, press the Volume key.
4. Press the Confirm key to start recording.
5. Press <**Stop**> to stop recording.
   The video is saved automatically.

After capturing videos, press <**View**> to view videos.

View videos

Use one of the following methods to view videos:

- In Menu mode, select **My files** → **Videos** → a video file.
- In Menu mode, select **Applications** → **Video player** → a video file.

Listen to music

Learn how to listen to music via the music player or FM radio.

Listen to the FM radio

1. Plug the supplied headset into the phone's multifunction jack.
2. In Menu mode, select **Applications** → **FM radio**.
3. Press the Confirm key to start the radio.
4. Press <**Yes**> to start automatic tuning.
   The radio scans and saves available stations automatically.

The first time you turn on the FM radio, you will be prompted to start automatic tuning.

5. Control the FM radio using the following keys:

Key	Function
Confirm	Turn the FM radio on or off
Volume	Adjust the volume
Navigation	• Left/Right: Tune a radio station automatically • Up/Down: Select a radio station saved in the favourite list ▶ p. 50

If you want to get information about the song you hear. Press <**Options**> → **Find music**. ▶ p. 50

Listen to music files

Start by transferring files to your phone or memory card:

- Download from the wireless web. ▶ p. 36
- Download from a PC with the optional Samsung PC Studio. ▶ p. 47
- Receive via Bluetooth. ▶ p. 52
- Copy to your memory card. ▶ p. 47
- Synchronise with Windows Media Player 11. ▶ p. 47

After transferring music files to your phone or memory card,

1. In Menu mode, select **Music** → **Library**.
2. Select a music category → a music file.
3. Control playback using the following keys:

Key	Function
Confirm	Pause or resume playback
Volume	Adjust the volume
Navigation	• Left: Restart playback; Skip backward (press within 3 seconds); Scan backward in a file (press and hold) • Right: Skip forward; Scan forward in a file (press and hold) • Up: Open the playlist • Down: Repeat mode
[1]	Rate the current track
[2]	Change the sound effect
[3]	Activate Shuffle mode
[4]	Change the repeat mode
[5]	Select a skin type

Browse the web

Learn to access and bookmark your favourite web pages.

- You may incur additional charges for accessing the web and downloading media.
- The browser menu may be labelled differently depending on your service provider.
- Some services may not be available depending on your region.

Browse web pages

1. In Menu mode, select **Internet** to launch your service provider's homepage.
2. Select a SIM card (if necessary).
3. Navigate web pages using the following keys:

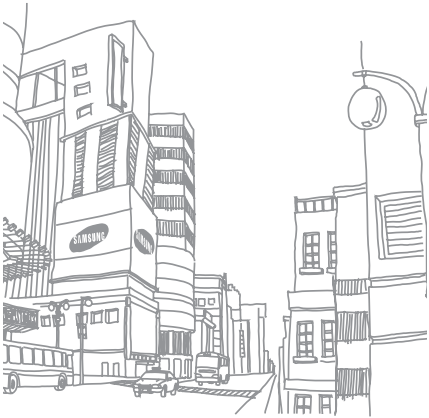
Key	Function
Navigation	Scroll up or down on a web page
Confirm	Select an item
<Back>	Return to the previous page
<Options>	Access a list of browser options

Bookmark your favourite web pages

1. In Menu mode, select **Internet**.
2. Press <**Options**> → **Bookmarks**.
3. Scroll left or right to a SIM card (if necessary).
4. Press <**Add**>.
5. Enter a page title and a web address (URL).
6. Press the Confirm key.

Download contents from the web

1. In Menu mode, select **Downloads**.
2. Scroll left or right to a SIM card (if necessary).
3. Select a menu according to the content type to download.
4. Search for a ringtone, picture, games, or videos and download it to the phone.



using advanced functions

Learn how to perform advanced operations and use additional features of your mobile phone.

Use advanced call functions

Learn about your phone's additional calling capabilities.

View and dial missed calls

Your phone will display calls you have missed on the display. To dial the number of a missed call,

1. Press <Open>.
2. Scroll to the missed call you want to dial.
3. Press [ ] to dial.

Call a recently dialled number

1. In Idle mode, press [ ] to display a list of recent numbers.
2. Scroll to the number you want and press [ ] to dial.

Hold a call or retrieve a held call

Press <**Hold**> to place a call on hold or press <**Retrieve**> to retrieve a held call.

Dial a second call

If your network supports this function, you can dial another number during a call:

1. Press <**Hold**> to place the first call on hold.
2. Enter the second number to dial and press [ ].
3. Press <**Swap**> to switch between the two calls.
4. To end the call on hold, press <**Options**> → **End** → **Held call**.
5. To end the current call, press [ ].

Answer a second call

If your network supports this function, you can answer a second incoming call:

1. Press [ ] to answer the second call.
   The first call is automatically placed on hold.
2. Press <**Swap**> to switch between the calls.

Make a multiparty call (conference call)

1. Call the first party you want to add to the multiparty call.
2. While connected to the first party, call the second party.
   The first party is automatically placed on hold.
3. When connected to the second party, press <**Options**> → **Conference call**.

4. Repeat steps 2 and 3 to add more parties (if necessary).
5. To end the multiparty call, press [ ].

Call an international number

1. In Idle mode, press and hold [0] to insert the + character.
2. Enter the complete number you want to dial (country code, area code, and phone number), and then press [ ] to dial.

Call a contact from the phonebook

You can call numbers directly from the phonebook using stored contacts. ▶ p. 32

1. In Menu mode, select **Phonebook**.
2. Scroll to the number you want to dial and press [ ] to dial.

Reject a call

To reject an incoming call, press [ ]. The caller will hear a busy tone.

To reject calls from certain numbers automatically, use the auto rejection. To activate the auto rejection and set up the reject list,

1. In Menu mode, select **Settings** → **Call** → **All calls** → **Auto reject**.
2. Select **Activation** → **On** (if necessary).
3. Select **Reject list**.
4. Press <**Options**> → **Create**.
5. Enter a number to reject.
6. Select **Match criteria** → an option (if necessary).
7. Press <**Save**> or the Confirm key.
8. To add more numbers, repeat steps 4-6 above.

9. Select numbers to reject.
10. Press <**Options**> → **Save**.

Use advanced phonebook functions

Learn to create your namecard, set favourite numbers, and create groups of contacts.

Create your namecard

1. In Menu mode, select **Phonebook**.
2. Press <**Options**> → **Settings** → **My namecard**.
3. Enter your personal details and press <**Options**> → **Save** or press the Confirm key.

You can send your namecard by attaching it to a message or email or transferring it via the Bluetooth wireless feature.

Set favourite numbers

1. In Menu mode, select **Phonebook**.
2. Scroll to a contact and press <**Options**> → **Add to Favourites**.
3. Select a number (if necessary).
4. Select an empty location and press <**Assign**>. The contact is saved to the favourite number.

You can now call this contact from Idle mode by pressing and holding the assigned favourite number.

Create a group of contacts

By creating groups of contacts, you can assign ringtones to each group or send messages and emails to an entire group. Start by creating a group:

1. In Menu mode, select **Phonebook**.
2. Scroll left or right to **Groups**.

3. Press <Options> → Create group.
4. Enter a group name and press the Confirm key.
5. To set a group ringtone, scroll to the group and press <Options> → Group ringtone → the Confirm key.
6. Select a ringtone category → a ringtone.
7. Press <Options> → Save.

Use advanced messaging functions

Learn to create and use templates to create new messages.

Create a text template

1. In Menu mode, select Messages → My folders → Templates.
2. Press <Create> to open a new template window.
3. Enter your text and press the Confirm key to save the template.

Create a multimedia template

1. In Menu mode, select Messages → My folders → MMS card.
2. Press <Options> → Create.
3. Create a multimedia message, with a subject and desired attachments, to use as your template. ▶ p. 29
4. Press the Confirm key.
   The message is now saved as a multimedia template.

Insert text templates in new messages

1. In Menu mode, select **Messages** → **Create message** or **Create email**.
2. In the text input field, press <**Options**> → **Add text** → **Template** → a template.

Create a message from a multimedia template

1. In Menu mode, select **Messages** → **My folders** → **MMS card**.
2. Scroll to the template you want and press <**Options**> → **Edit**.
   Your template opens as a new multimedia message.

Create a folder to manage messages

1. In Menu mode, select **Messages** → **My folders**.
2. Press <**Options**> → **Create folder**.
3. Enter a folder name and press the Confirm key.

Move messages from a message folder to your folders to manage them as your preferences.

Use the Bluetooth messenger

Learn to chat with your family or friends instantly via the Bluetooth wireless feature.

1. In Menu mode, select **Applications** → **Bluetooth messenger**.
2. Press <**Yes**> to turn on the Bluetooth wireless feature (if necessary).
3. Press <**Search**>.
4. Scroll to a device and press <**Select**>.
5. Enter your message and press the Confirm key.

6. Enter a PIN for the Bluetooth wireless feature or the other device's Bluetooth PIN, or press <**OK**> to send the message.
7. When you are finished chatting, press <**Options**> → **End chat**.
8. Press <**Yes**>.

Use advanced camera functions

Learn how to capture photos in various modes and customise camera settings.

Capture a series of photos

1. In Menu mode, select **Camera** to turn on the camera.
2. Press <**Options**> → **Shooting mode** → **Continuous**.
3. Make any necessary adjustments.
4. Press and hold the Confirm key to take series of photos.

Capture divided photos

1. In Menu mode, select **Camera** to turn on the camera.
2. Press <**Options**> → **Shooting mode** → **Mosaic**.
3. Select an image layout and press the Confirm key.
4. Make any necessary adjustments.
5. Press the Confirm key to take photos for each segment.

Capture photos with decorative frames

1. In Menu mode, select **Camera** to turn on the camera.
2. Press <**Options**> → **Shooting mode** → **Frame**.
3. Select a frame and press the Confirm key.
4. Make any necessary adjustments.
5. Press the Confirm key to take a photo with the frame.

Use camera options

Before capturing a photo, press <**Options**> to access the following options:

Option	Function
Shooting mode	Change the shooting mode
Resolution	Change the resolution option
White balance	Adjust the colour balance
Exposure metering	Select a type of exposure metre
Effects	Apply a special effect

Before capturing a video, press <**Options**> to access the following options:

Option	Function
Recording mode	Change the recording mode
Resolution	Change the resolution option
White balance	Adjust the colour balance
Effects	Apply a special effect

Customise camera settings

Before capturing a photo, press <**Options**> → **Settings** to access the following settings:

Option	Function
Quality	Adjust the quality of your photos
Night mode	Set whether to use Night shot mode
Review	Set the camera to switch to the review screen after capturing photos
Shutter sound	Select a sound to accompany the shutter action
Storage	Select a memory location to store new photos
Shortcut info	View the shortcut information

Before capturing a video, press <**Options**> → **Settings** to access the following settings:

Option	Function
Quality	Adjust the quality of your video clips
Recording sound	Turn the recording sound on or off
Audio recording	Turn the audio sound on or off
Storage	Select a memory location to store new video clips
Shortcut info	View the shortcut information

Use advanced music functions

Learn to prepare music files, create playlists, and store radio stations.

Copy music files via Samsung PC Studio

1. In Menu mode, select **Settings** → **PC connections** → **Samsung PC studio** or **Mass storage**.
2. Using an optional PC data cable, connect the multifunction jack on your phone to a PC.
3. Run Samsung PC Studio and copy files from the PC to the phone.

   Refer to the Samsung PC Studio help for more information.

Copy music files to a memory card

1. Insert a memory card.
2. In Menu mode, select **Settings** → **PC connections** → **Mass storage**.
3. Using an optional PC data cable, connect the multifunction jack on your phone to a PC.

   When connected, a pop-up window will appear on the PC.
4. Open a folder to view files.
5. Copy files from the PC to the memory card.

Synchronise your phone with Windows Media Player

1. In Menu mode, select **Settings** → **PC connections** → **Media player**.
2. Using an optional PC data cable, connect the multifunction jack on your phone to a PC with Windows Media Player installed.
   When connected, a pop-up window will appear on the PC.
3. Open Windows Media Player to synchronise music files.
4. Edit or enter your phone's name in the pop-up window (if necessary).
5. Select and drag the music files you want to the sync list.
6. Start synchronisation.

Create a playlist

1. Insert a memory card.
2. In Menu mode, select **Music** → **Library** → **Playlists**.
3. Press <**Create**>.
4. Enter a title for your new playlist and press the Confirm key.
5. Select the new playlist.
6. Press <**Add**> → **Tracks**.
7. Select the files you want to include and press <**Add**>.

Customise your music player settings

Learn to adjust the playback and sound settings for your music player.

1. In Menu mode, select **Music** → **Settings** → **Music player**.
2. Adjust the settings to customise your music player:

Option	Function
Sound effects	Select the default sound effect
Visualisation	Select a skin type
Preferences	Set the following options: • **Background playing**: Set whether to play music in the background when you end the music player • **Music auto off**: Set the time that the playback stops

3. Press the Confirm key.

Record songs from the FM radio

1. Plug the supplied headset into the phone's multifunction jack.
2. In Menu mode, select **Applications** → **FM radio**.
3. Press the Confirm key to start the FM radio.
4. Press <**Options**> → **Record** to start recording.
5. When you are finished recording, press <**Stop**>.
   The music file will be saved in **Sounds** (in Menu mode, select **My files** → **Sounds**).

The recording feature is developed for voice recording only. The quality of the recording will be much lower than digital media.

Set up your favourite radio station list

1. Plug the supplied headset into the phone's multifunction jack.
2. In Menu mode, select **Applications** → **FM radio**.
3. Select a radio station to add to the favourite list.
4. Press <**Options**> → **Add to Favourites**.
5. Select an empty location you want to set.

You can add a radio station to the favourite radio list by pressing and holding an alphanumeric key from the FM radio screen.

Find information of music

Learn to access an online music service and get information about the songs you hear while on the move.

1. In Menu mode, select **Music** → **Find music**.
2. Press the Confirm key to record a part of music you want to find.
3. Press <**OK**> to connect to the server.

Some service providers may not support this service and the database may not have information for all songs.

Update information of music

Learn to update the information of your music, such as title or artist, to correctly identify and label your music files.

1. In Menu mode, select **Music** → **Find tag**.
2. Select music files.
3. Press <**Get**> → <**OK**>.

Your phone gets and updates the information about the music files from an online music server.

using tools and applications

Learn how to work with your mobile phone's tools and additional applications.

Use the Bluetooth wireless feature

Learn about your phone's ability to connect to other wireless devices for exchanging data and using hands-free features.

Turn on the Bluetooth wireless feature

1. In Menu mode, select **Applications** → **Bluetooth**.
2. Press <**Options**> → **Settings**.
3. Scroll to **Bluetooth** and press <**Change**> (if necessary).
4. To allow other devices to locate your phone, scroll down to **My phone's visibility** and press <**Change**> → **Visible**.
   If you select the custom option, you can set duration that your phone is visible.

Find and pair with other Bluetooth-enabled devices

1. In Menu mode, select **Applications** → **Bluetooth** → <**Search**>.
2. Scroll to a device and press <**Select**>.
3. Enter a PIN for the Bluetooth wireless feature or the other device's Bluetooth PIN, if it has one, and press <**OK**>.

   When the owner of the other device enters the same code or accepts the connection, pairing is complete.

You may not need to enter a PIN depending on the device.

Send data using the Bluetooth wireless feature

1. Select the file or item from one of your phone's applications that you want to send.
2. Press <**Options**> → **Send namecard via** or **Send via** → **Bluetooth** (when sending contact data, specify which data to send).

Receive data using the Bluetooth wireless feature

1. Enter the PIN for the Bluetooth wireless feature and press <**OK**> (if necessary).
2. Press <**Yes**> to confirm that you are willing to receive data from the device (if necessary).

Activate and send an SOS message

When you have an emergency, you can send an SOS message asking for help.

This feature may be unavailable depending on your region or service provider.

1. In Menu mode, select **Messages** → **Settings** → **SOS messages** → **Sending options**.
2. Select **Sending SOS** → **On**.
3. Scroll down and press the Confirm key to open the recipient list.
4. Press <**Search**> to open your contact list.
5. Scroll to a contact and press the Confirm key.
6. Select a number (if necessary).
7. Press <**Options**> → **Add**.
8. Press the Confirm key to save the recipients.
9. Scroll down and press the Confirm key.
10. Select the number of times to repeat the SOS message.
11. Press <**Back**> → <**Yes**>.

To send an SOS message, the keys must be locked. Press the Volume key four times.

Once you send an SOS message, all phone functions will be suspended until you press [ ].

Activate the mobile tracker

This feature helps track your phone when it is stolen or when someone tries to use your phone using other SIM card, the phone will automatically send the preset tracking message to family or friends. This feature may be unavailable due to certain features supported by your service provider.

1. In Idle mode, press <**Menu**> → **Settings** → **Security** → **Phone** →**Mobile tracker**.
2. Enter a new 4- to 8-digit password and press <**OK**>.
3. Enter the new password again and press <**OK**>.
4. Select **Settings**.
5. Enter a new 8-digit password for the mobile tracker and press <**OK**>.
6. Scroll left or right to **On**.
7. Press <**Options**> → **Add recipients** to open the recipient list.
8. Press <**Search**> to open your contact list.
9. Scroll to a contact and press the Confirm key.
10. Select a number (if necessary).
11. When you are finished selecting contacts, press <**Options**> → **Add** to return to the recipient list.
12. Press <**Save**> to save the recipients.
13. Scroll down and enter the sender's name.
14. Press <**Save**> → <**Accept**>.

Make fake calls

You can simulate an incoming call when you want to get out of meetings or unwanted conversations. You can also make it appear as if you are talking on the phone by playing back a recorded voice.

Make a fake call

You must set a shortcut key to make a fake call. ▶ p. 26

To make a fake call,

- In Idle mode, press and hold the shortcut key.

Record a voice

1. In Menu mode, select **Settings** → **Call** → **Fake call** → **Fake call voice**.
2. Scroll to **Fake call voice** and press <**Edit**>.
3. Press the Confirm key to start recording.
4. Speak into the microphone.
5. When you are finished speaking, press <**Stop**>.
6. Press the Confirm key to set the recording as a response for the fake call.

Change the time delay before fake calls

1. In Menu mode, select **Settings** → **Call** → **Fake call** → **Fake call timer**.
2. Select an option.

Record and play voice memos

Learn to operate your phone's voice recorder.

Record a voice memo

1. In Menu mode, select **Applications** → **Voice recorder**.
2. Press the Confirm key to start recording.
3. Speak your memo into the microphone.
4. When you are finished speaking, press <**Stop**>.

Play a voice memo

1. From the voice recorder screen, press <**Options**> → **Go to My voice clips**.
2. Select a file.

Edit images

Learn to edit images and apply fun effects.

Apply effects to images

1. In Menu mode, select **Applications** → **Image editor**.
2. Select an image.
3. Press the Confirm key → an effect option (filter, warp, or partial blur).
4. Scroll left or right to a variation of the effect to apply and press <**Apply**>. For some effects, adjust the level.

   To apply a blur effect to a specific area of an image, move or resize the rectangle and press the Confirm key.
5. When you are finished, press <**Options**> → **Save as**.
6. Enter a new file name for the image and press the Confirm key.

Adjust an image

1. Open an image to be edited, Refer to steps 1-2 in “Apply effects to images.”
2. Press the Confirm key → an adjustment option (brightness, contrast, or colour).

   To adjust the image automatically, select **Auto level**.
3. Adjust the image as desired and press <**Apply**>.
4. Save the edited image with a new file name. Refer to steps 5-6 in “Apply effects to images.”

Transform an image

1. Open an image to be edited. Refer to steps 1-2 in “Apply effects to images.”

2. Press the Confirm key → **Resize**, **Rotate**, or **Flip**.
3. Rotate or flip the image as desired and press <**Apply**>.
   To resize, select a size and press <**Yes**>.
4. Save the edited image with a new file name. Refer to steps 5-6 in “Apply effects to images.”

Crop an image

1. Open an image to be edited. Refer to steps 1-2 in “Apply effects to images.”
2. Press the Confirm key → **Crop**.
   To resize or reshape the rectangle, press <**Options**> → **Resize** or **Shape**.
3. Save the edited image with a new file name. Refer to steps 5-6 in “Apply effects to images.”

Insert a visual feature

1. Open an image to be edited. Refer to steps 1-2 in “Apply effects to images.”
2. Press the Confirm key → a visual feature (frame, clip art, emoticon, image, or text).
3. Select a visual feature, or enter text and press <**Save**>.
4. Move, resize, or rotate the visual feature or text and press the Confirm key.
5. Save the edited image with a new file name. Refer to steps 5-6 in “Apply effects to images.”

Print images

Learn to print your images with a USB connection or the Bluetooth wireless feature.

To print an image using a USB connection,

1. In Menu mode, select **Settings** → **PC connections** → **Printer**
2. Connect the multifunction jack on your phone to a compatible printer.
3. Open an image. ▶ p. 33
4. Press <**Options**> → **Print via** → **USB**.
5. Set print options and print the image.

To print an image using the Bluetooth wireless feature,

1. Open an image. ▶ p. 33
2. Press <**Options**> → **Print via** → **Bluetooth**.
3. Select a Bluetooth-enabled printer and pair with the printer. ▶ p. 52
4. Set print options and print the image.

View photos and videos on the web

Learn to access photo sharing websites and blogs and view photos and videos.

Communities may be unavailable depending on your region or service provider.

1. In Menu mode, select **Communities**.
2. Select a destination you want to view.
3. Select a SIM card (if necessary).
4. Enter the user ID and password of the destination (if necessary).

Use Java-powered games and applications

Learn to use games and applications powered by award-winning Java technology.

Play games

1. In Menu mode, select **Applications** → **Games and more**.
2. Select a game from the list and follow the on-screen instructions.

Available games may vary, depending on your service provider or region. Game controls and options may vary.

Launch applications

1. In Menu mode, select **Applications** → **Games and more** → an application.
2. Press <**Options**> to access a list of various options and settings for your application.

Create and view world clocks

Learn to view the time in another region and set world clocks to appear on your display.

Create a world clock

1. In Menu mode, select **Organiser** → **World clock**.
2. Press <**Add**>.
3. Scroll left or right to a time zone and press <**Add**>.

To set daylight saving time, press <Options> → Daylight saving on.

4. To add more world clocks, repeat steps 2-3 above.

Add a world clock to your display

In Dual Clock Display mode, you can view clocks with two different time zones on your display.

After you have created world clocks,

1. In Menu mode, select Organiser → World clock.
2. Scroll to the world clock you want to add and press <Options> → Set as 2nd clock.
3. Press <Back> twice.
4. In Menu mode, select Settings → Display → Smart home → <Edit>.
5. Scroll down to Dual clock → <Save>.
6. Press <Set>.

Set and use alarms

Learn to set and control alarms for important events.

Set a new alarm

1. In Menu mode, select Organiser → Alarms.
2. Press <Create>.
3. Set alarm details and press <Save>.

- The auto power-up feature sets the phone to automatically turn on and sound the alarm at the designated time if the phone is turned off.
- To set a snooze option, press <Options> → Settings → Snooze duration.

Stop an alarm

When the alarm sounds,

- Press <**Confirm**> or the Confirm key to stop the alarm without snooze.
- Press <**Confirm**> or the Confirm key to stop the alarm with snooze or press <**Snooze**> to silence the alarm for the snooze period.

Deactivate an alarm

1. In Menu mode, select **Organiser** → **Alarms**.
2. Select the alarm you want to deactivate.
3. Scroll up and press <**Change**> → <**Save**>.

Use the calculator

1. In Menu mode, select **Organiser** → **Calculator**.
2. Use the keys that corresponds to the calculator display to perform basic mathematical operations.

Convert currencies or measurements

1. In Menu mode, select **Organiser** → **Convertor** → a conversion type.
2. Enter the currencies measurements and units in the appropriate fields.

Set a countdown timer

1. In Menu mode, select **Applications** → **Timer**.
2. Enter the length of time to count down and press <**Start**>.
3. Press [ ] → <**Yes**> to set the timer to run in the background.
4. When the timer expires, press <**OK**> to stop the alert.

Use the stopwatch

1. In Menu mode, select **Applications** → **Stopwatch**.
2. Press <**Start**> to begin.
3. Press the Confirm key to record lap times.
4. When you are finished, press <**Stop**>.
5. Press <**Reset**> to clear recorded times.

While recording the lap times, the interval between lap times is recorded. To check the interval, scroll left or right to **Spilt**.

Create a new task

1. In Menu mode, select **Organiser** → **Task**.
2. Press <**Create**>.
3. Enter the details of the task.
4. Press <**Save**> or the Confirm key.

Create a text memo

1. In Menu mode, select **Organiser** → **Memo**.
2. Press <**Create**>.
3. Enter your memo text and press the Confirm key.

Manage your calendar

Learn to change the calendar view and create events.

Change the calendar view

1. In Menu mode, select **Organiser** → **Calendar**.
2. Press <**Options**> → **View by week** or **View by month**.

Create an event

1. In Menu mode, select **Organiser** → **Calendar**.
2. Press <**Options**> → **Create** → an event type.
3. Enter the details of the event as required.
4. Press <**Save**> or the Confirm key.

View events

1. In Menu mode, select **Organiser** → **Calendar**.
2. Select a date on the calendar.
3. Select an event to view its details.

Back up your data

Use Backup manager to back up your data, such as messages, contacts, and tasks to your memory card or **My files**. If necessary, you can restore them to your phone or PC.

To back up your data,

1. In Menu mode, select **Settings** → **Backup manager**.
2. Scroll left or right to a memory location → a folder.
3. Press the Confirm key and select an item category.
4. Enter the backup folder name and press the Confirm key.

troubleshooting

If you are having trouble with your mobile phone, try these troubleshooting procedures before contacting a service professional.

When you turn on your phone or while you are using the phone, it prompts you to enter one of the following codes:

Code	Try this to solve the problem:
Password	When the phone lock feature is enabled, you must enter the password you set for the phone.
PIN	When using the phone for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM card. You can disable this feature by using the **PIN lock** menu.
PUK	Your SIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.
PIN2	When you access a menu requiring the PIN2, you must enter the PIN2 supplied with the SIM card. For details, contact your service provider.

The phone prompts you to insert the SIM card.

Ensure that the SIM card is installed correctly.

Your phone displays “No networks found” or “Network error.”

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.
- You cannot access some options without a subscription. Contact your service provider for more details.

You enter a number, but the call is not dialled.

- Ensure that you have pressed the Dial key: [⌐].
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number.

Another caller cannot reach you.

- Ensure that your phone is turned on.
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number.

Another caller cannot hear you speaking.

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using a headset, ensure that it is properly connected.

The phone beeps and the battery icon flashes.

Your battery is low. Recharge or replace the battery to continue using the phone.

The audio quality of the call is poor.

- Ensure that you are not blocking the phone's internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.

You select a contact to call, but the call is not dialled.

- Ensure that the correct number is stored in the contact list.
- Re-enter and save the number, if necessary.

The battery does not charge properly or sometimes the phone turns itself off.

- The battery terminals may be dirty. Wipe both gold-colored contacts with a clean, soft cloth and try charging the battery again.
- If the battery will no longer charge completely, dispose of the old battery properly and replace it with a new battery.

Your phone is hot to the touch.

When you use applications that require more power, your phone may heat up.

This is normal and should not affect your phone's lifespan or performance.